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HDC-HS900
HD Camcorder

- Advanced 3MOS System
- 1,080/50p Recording (Full-HD 1,920 x 1,080, 50 Progressive Recording)
- NEW HYBRID O.I.S. (Optical Image Stabilizer)
- 3D Image Shooting with an Optional 3D Conversion Lens
- Large 3.5-inch LCD with Touch Operation*
- 220GB HDD and SDXC/SDHC/SD Memory Card Hybrid Recording

The Best-ever Panasonic Image Quality. The 3MOS System Colorfully Renders 2D and 3D Images.

GENERAL

Power Supply (Battery / AC Adapter)	DC7.2V / 9.3V
Power Consumption	Max. 7.4W (Recording) / Max. 10.9W (Charging)
Weight (w/o Battery)	approx. 455g
Dimension (W x H x D)	67 x 72x 146 [mm]
Media	HDD (220GB), SD/SDHC/SDXC Memory Card
On-Screen Display Language	English, German, French, Italian, Spanish, Polish, Czech, Netherlandic, Turkish, Swedish

IMAGE SENSOR

Image Sensor	1/4.1-type MOS x 3
Total Pixels	9.15 megapixels (3.05 megapixels x 3)

Effective Pixels

Motion Image	7.59 megapixels (2.53 megapixels x 3)[16:9]
Still Image	7.89 megapixels (2.63 megapixels x 3) [3:2] 7.59 megapixels (2.53 megapixels x 3) [16:9] 6.96 megapixels (2.32 megapixels x 3) [4:3]

LENS SECTION

Lens Brand	Leica Dicomar Lens
F Value	F1.5(WIDE) / 2.8(TELE)

Award

2011-04-26T15:20:00

HDC-HS900, How It Works, Editor's Choice Award, Issue 20

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Optical Zoom	12x
Focal Length	3.45-41.4mm
35mm Film camera Equivalent	35.0-420mm (16:9) [Motion Image] 35.7-428mm (3:2), 35.0-420mm (16:9), 38.8-466mm (4:3) [Still Image]
Filter Diameter	46mm

CAMERA SECTION

Standard Illumination	1400 lx
Minimum Illumination	1.6 lx (1/30 Low Light scene mode) 1 lx (Color Night View)
Image Stabilizer	HYBRID O.I.S. [Optical Image Stabilizer]
Focus	Auto / Manual
White Balance	Auto / Indoor1 / Indoor2 / Sunny / Cloudy / White set

Shutter Speed

Motion Image	[50i / 50p] Auto Slow Shutter ON : 1/25-1/8000 [50i / 50p] Auto Slow Shutter OFF : 1/50-1/8000 [25P] Auto Slow Shutter ON : 1/25-1/8000 , video flash: 1/25-1/500 [25P] Auto Slow Shutter OFF : 1/50-1/8000, video flash: 1/50-1/500
Still Image	1/2-1/2000, video flash: 1/2-1/500
Iris	Auto / Manual

Zoom

Intelligent Zoom OFF	12x
Intelligent Zoom	20x
Digital Zoom	30x / 700x (The maximum value of zoom magnification)
Backlight Compensation	yes

MONITOR

EVF	yes
Monitor (LCD)	8.8cm (3.5") Wide LCD (460,800 dots)

STILL IMAGE SECTION

Recording Format	JPEG

Recording Image Size

Still Picture	14.2 megapixels (4608 x 3072), 8.6 megapixels (3600 x 2400), 5.5 megapixels (2880 x 1920) [3:2] 13.3 megapixels (4864x2736), 8.3 megapixels (3840 x 2160), 5.3 megapixels (3072 x 1728) [16:9] 12.2 megapixels (4032 x 3024), 7.7 megapixels (3200 x 2400), 4.9 megapixels (2560 x 1920), 0.3 megapixels (640 x 480) [4:3]
Simultaneous Recording	13.3 megapixels (4864 x 2736), 8.3 megapixels (3840 x 2160) , 2.1 megapixels (1920x1080) [16:9]
Creating still picture from motion picture	2.1 megapixels (1920 x 1080) [16:9]

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Flash	yes
DPOF	Max. 999 images

RECORDING SECTION

Signal System	1080 / 50p, 1080 / 50i
Recording Format	1080 / 50p : MPEG-4 AVC/H.264 (original format) HA / HG / HX / HE : MPEG-4 AVC/H.264 (AVCHD standard compliant)

Recording / Playback MODE

Recording / Playback Mode	1080 / 50p (28Mbps / VBR) , (1920 x 1080) HA (17Mbps / VBR) , (1920 x 1080) HG (13Mbps / VBR) , (1920 x 1080) HX (9Mbps / VBR) , (1920 x 1080) HE (5Mbps / VBR) , (1920 x 1080)
Audio Recording System	1080 / 60p / HA / HG / HX / HE : Dolby Digital (5.1ch)
Microphone	5.1ch Surround, Zoom and Focus Microphone
Speaker	Dynamic type
Media Remaining Indication	yes

INTERFACES

HDMI	Yes (mini)
Microphones (stereo mini)	Yes
Headphone (stereo mini)	Yes
USB	2.0 Hi-Speed
AV multi	Yes

OTHERS

Accessory Shoe	Yes (Cold)

STANDARD ACCESSORIES

AC Adaptor	yes
AC Cable	yes
DC Cable	yes
Rechargeable Battery Pack	min. 1250 mAh / Lithium-Ion
AV multi Cable	yes
IR Remote	yes
USB Cable	yes
Included Software	HD Writer AE 3.0
Lens Hood	yes
Stylus pen	yes